



MICHAEL R. PENCE, Governor
STATE OF INDIANA

INDIANA DEPARTMENT OF HOMELAND SECURITY
302 West Washington Street
Indianapolis, IN 46204



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Division of Fire and Building Safety

Checklist for a Complete Exhaust Hood Submittal

To qualify for an exhaust hood release, an applicant must provide a complete submittal of exhaust hood drawings demonstrating compliance with all applicable building laws and fire safety laws including the following:

- ☐ A site plan drawn to scale, showing dimensioned location of the building's exhaust system relevant to property lines, and to all adjacent buildings on the property, as well as width of any street or easements bordering the property.
- ☐ A dimensioned floor plan of the area in which the hood is located drawn to scale showing such items as wall configurations, fire ratings, exit ways and room designation.
- ☐ Sections and details of walls, floors, and roof(s) of the room in which the hood is located, showing dimensions and construction materials.
- ☐ Details indicating how required structural and fire-resistive integrity will be maintained where wall, floor, and ceiling penetrations will be made for hood system in its entirety.
- ☐ Mechanical plans showing location and size of ductwork, equipment, type of proposed hood, type and size of hood material, type and size of proposed appliances, hood supports, hood penetrations, grease gutters, canopy size and location, hood capacity, ventilation and exhaust systems, and makeup air.
- ☐ Plans for automatic fire-extinguishing systems showing piping size and spacing.
 - Plans shall be prepared by qualified persons trained in the design and application of these systems.
 - The plans shall be drawn to an indicated scale or be suitably dimensioned and shall be reproducible.
 - The plans shall contain sufficient detail to evaluate the hazard(s) and to evaluate the effectiveness of the system.
 - The details on the hazard(s) shall include the materials involved, the location and arrangement, and the exposure to the hazard(s).



Checklist for a Complete Exhaust Hood Submittal Continued

- The details on the system shall include sufficient information and calculations on the following:
 - 1. Amount of chemical
 - 2. The size, length, and arrangement of connected piping, or piping and hose
 - 3. The description and location of nozzles so that the adequacy of the system can be determined
- Flow rates of nozzles used shall be provided for engineered systems.
- Information shall be submitted pertaining to the location and function of detection devices, operating devices, auxiliary equipment, and electrical circuitry, if used.
- Sufficient information shall be indicated to properly identify the apparatus and devices used.
- Plans for fire detection and alarm systems showing location, if used.
- An applicant must demonstrate, through the submission of plans for construction that will comply with all applicable building laws and fire safety laws. Plans such as, "Preliminary", "Not for construction", "For reference only", "Future", or "Optional" are unacceptable for use in DFBS' plan review process.
- Any additional information that may be needed to substantiate statements that the proposed construction will comply with the rules of the Fire Prevention and Building Safety Commission.